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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. YOR9-2001-0025US2 (8728-490)

First Inventor VENKATA GURUPRASAD

Title SELF-SCALING NETWORK

Express Mail Label No. EL 822652884US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 54]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings *(if filed)*
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]

5. Oath or Declaration [Total Pages 2]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document *(if applicable)*

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*

15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: Associate Power of Attorney

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____

Group Art Unit. _____

Prior application information:

Examiner _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	<input type="checkbox"/> (Insert Customer No. or Attach bar code label here)			or <input type="checkbox"/> Correspondence address below	
Name					
Address	F. CHAU & ASSOCIATES, LLP				
	1900 Hempstead Turnpike, Suite 501		State	New York	Zip Code
City	East Meadow	State	New York	Zip Code	11554
Country	U.S.A	Telephone	(516) 357-0091	Fax	(516) 357-0092
Name (Print/Type)	Frank Chau	Registration No. (Attorney/Agent)			34,136
Signature				Date	8/1/01

Assistant Commissioner for Patents

Washington D.C. 20231

Sir:

08-02-01 ATTORNEY DOCKET: Y0R9-2001-0025US2 (8728-490)

Date: August 1, 2001

Express Mail Label: EL822652884US

Date of Deposit: August 1, 2001

08/01/01

Transmitted herewith for filing is the Patent Application of:

Inventors: Venkata Guruprasad

For: SELF-SCALING NETWORK

08/01/01
C997 U.S. PRO
09/01/01
08/01/01

Enclosed are: [X] 45 sheets of specification; [X] 1 sheet(s) of Abstract; [X] 8 sheet(s) of claims; [X] 6 sheet(s) of drawing(s);

[X] An assignment of the invention to: International Business Machines Corporation, Armonk, New York, with Recordation Form.

[X] Declaration and Power of Attorney.

[] A certified copy of _____, from which priority under Title 35 USC §119 is claimed.

[X] Associate Power of Attorney.

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	20 - 20 =	0
INDEP CLAIMS	4 - 3 =	1
MULTIPLE DEPENDENT CLAIMS PRESENTED		
If the difference in Col. 1 is less than zero, enter "0" in Col. 2.		
		RATE
		\$710.00
	X \$18 =	0
	X \$80 =	80.00
	+ 270 =	
	TOTAL	\$ 790.00

[] A check in the amount of \$ _____ to cover the [] filing fee(s), [] recording fee is enclosed.

Please charge my Deposit Account No. 50-0510/IBM (Yorktown Heights) in the amount of \$790.00.

[X] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510/IBM (Yorktown Heights). A duplicate copy of this sheet is enclosed.

[X] Any additional filing fees required under 37 CFR 1.16.

[X] Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By:


Frank Chau
Registration No. 34,136

Please address all correspondence to:

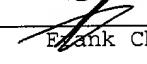
F. CHAU & ASSOCIATES, LLP
1900 Hempstead Tpke., Suite 501
East Meadow, NY 11554
Tel: (516) 357-0091
Fax: (516) 357-0092

Attorney for:

IBM Corporation
Intellectual Property Law Dept.
P.O. Box 218
Yorktown Heights, NY 10598

CERTIFICATION UNDER 37 C.F.R. §1.10

I hereby certify that this Application transmittal and documents referred to as enclosed are being deposited with the United States Postal Service on this date August 1, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL822652884US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.


Frank Chau

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 830.00)

Complete if Known

Application Number	
Filing Date	August 1, 2001
First Named Inventor	Venkata Guruprasad
Examiner Name	
Group Art Unit	
Attorney Docket No.	YOR9-2001-0025US2 (8728-490)

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to.

Deposit Account Number 50-0510/IBM

Deposit Account Name IBM/Yorktown Heights

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 710	201 355	Utility filing fee	\$710.00
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	
SUBTOTAL (1)		(\$)	710.00

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	20	-20** = 0 X 18 = \$0	
Independent Claims	4	- 3** = 1 X 80 = \$80	
Multiple Dependent		270 = 0	

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

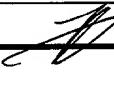
Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$) 80.00

3. ADDITIONAL FEES	Fee Description	Fee Paid
Large Entity	Small Entity	
Fee Code (\$)	Fee Code (\$)	
105 130	205 65	Surcharge - late filing fee or oath
127 50	227 25	Surcharge - late provisional filing fee or cover sheet
139 130	139 130	Non-English specification
147 2,520	147 2,520	For filing a request for ex parte reexamination
112 920*	112 920*	Requesting publication of SIR prior to Examiner action
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action
115 110	215 55	Extension for reply within first month
116 390	216 195	Extension for reply within second month
117 890	217 445	Extension for reply within third month
118 1,390	218 695	Extension for reply within fourth month
128 1,890	228 945	Extension for reply within fifth month
119 310	219 155	Notice of Appeal
120 310	220 155	Filing a brief in support of an appeal
121 270	221 135	Request for oral hearing
138 1,510	138 1,510	Petition to institute a public use proceeding
140 110	240 55	Petition to revive - unavoidable
141 1,240	241 620	Petition to revive - unintentional
142 1,240	242 620	Utility issue fee (or reissue)
143 440	243 220	Design issue fee
144 600	244 300	Plant issue fee
122 130	122 130	Petitions to the Commissioner
123 50	123 50	Processing fee under 37 CFR 1.17(q)
126 240	126 240	Submission of Information Disclosure Stmt
581 40	581 40	Recording each patent assignment per property (times number of properties)
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))
179 710	279 355	Request for Continued Examination (RCE)
169 900	169 900	Request for expedited examination of a design application
Other fee (specify) _____		

* Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** **(\$)** 40.00

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Frank Chau	Registration No. (Attorney/Agent)	34, 136	Telephone	(516) 357-0091
Signature				Date	8/1/01